

Amendments to the Specification

Please replace the paragraph at page ⁸~~9~~, lines ¹¹~~3~~ through ¹⁵~~7~~ with the following amended paragraph: 1970 02/27/08

State of charge (SOC) is a measure that characterizes electrochemical states of a cell after a charging or discharging process. For example, assume that the full capacity of a cell is 'z' Ah (Ampere-hour). After discharging 0.5z Ah capacity from the fully charged state, the state of charge of the cell is 50%. Likewise, after discharging 0.25z Ah capacity from the fully charged state, the state of charge is ~~[[25%]]~~ 75%, and so on.